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AMENDMENTS TO THE CLAIMS

The listing below of the claims will replace all prior versions and listings of claims in the present application:

Listing of Claims:

Claim 1 (currently amended): A device for detecting the speed of an endless torque-transmitting means of a continuously variable transmission that includes two conical pulley pairs rotatably carried on spaced parallel axes and around which the endless torque-transmitting means passes, wherein the axial spacing between respective conical disks defining the pulley pairs can be changed inversely so that the endless torque-transmitting means moves independently between each transmission ratio and is in frictional engagement with the conical surfaces of the conical disks, said device comprising a sensor positioned opposite to and facing the endless torque-transmitting means for detecting the linear speed of the endless torque-transmitting means and as it passes the sensor, wherein the sensor is located at a position relative to the path of movement of the endless torque-transmitting means that is independent of the rotational speed relationship of the conical pulley pairs.

Claim 2 (currently amended): A device according to claim 1, wherein the sensor is carried on a linear guide bar that guides a slack linear strand of the endless torque-transmitting means and that can pivot about an axis that is parallel to the axes of the conical pulley pairs.

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Claim 3 (original): A device according to claim 2, wherein the guide bar is carried on a fixed support positioned between the conical pulley pairs.

Claim 4 (original): A device according to claim 1, wherein the endless torque-transmitting means is a plate-link chain that includes pins that interconnect adjacent chain links, and the sensor detects pins as they pass the sensor.

Claim 5 (original): A device according to claim 4, wherein the sensor is a proximity sensor that detects end faces of the pins.

Claim 6 (original): A device according to claim 4, wherein the sensor is connected to a control unit within which plate-link chain structural data are stored, and which determines the speed of the plate-link chain based upon the number of detected pins and time intervals between pin detections.

Claim 7 (original): A device according to claim 6, wherein the stored plate-link structural data include the number of pins carried by the plate-link chain and the spacing between pins.

Claim 8 (original): A device according to claim 6, wherein the plate-link chain has different pin spacings and wherein at least one of the different pin

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spacings and at least a number of successive pin spacings are stored in the control unit, and wherein the control unit determines the speed of the plate-link chain after receiving detected successive pin spacings.

Claim 9 (original): A device according to claim 2, wherein the fixed support is an oil pipe.

Claim 10 (original): A device according to claim 2, wherein the guide bar is displaceable in a direction that is substantially perpendicular to the movement direction of the endless torque-transmitting means.

Claim 11 (original): A device according to claim 2, wherein the pivot axis of the guide bar is positioned between the pulley axes and is within a loop defined by the endless torque-transmitting means.

Claim 12 (original): A device according to claim 4, wherein end faces of the pins are in frictional engagement with the conical surfaces of the conical disks.